

Remove Telco Hardware Associated with Disconnected Air Force NEXRAD PIP Telecoms from WFO Comms Room at 21 WFO's

Peachtree City, GA KFFC	Greer, SC KGSP	Pendleton, OR KPDT	State College, PA KCCX
Brookhaven, NY KOKX	Medford, OR KMAX	Phoenix & Yuma, AZ KIWA & KYUX	Tallahassee, FL KTLH
Charleston WV KRLX	Memphis, TN KNQA	Pleasant Hill KEAX	Tucson, AZ KEMX
El Paso, TX KEPZ	Missoula, MT KMSX	Pocatello, ID KSFY	
Flagstaff, AZ KFSX	Mobile, AL KMOB	Raleigh, NC KRAX	
Fort Worth, TX KFWS	Morehead City, NC KMHX	Salt Lake City & Cedar City KMTX & KICX	

It has been over 1.5 years since the Air Force disconnected its NEXRAD PIP network connectivity to NWS WSR-88Ds. That network had been awarded to and maintained by a DoD division of Verizon (VzB) under the Networx contract.

Removal of the VzB service enabling devices (SEDs) that facilitated the PIP network, in this case a Juniper J2320 router and a MultiTech out-of-band (OOB) modem, should have occurred closely on the heels of service disconnects. However, progress to remove the SEDs from all locations has stalled on multiple occasions. Networx contracts representatives at DISA and GSA were petitioned for assistance, and VzB management subsequently agreed to provide each of the aforementioned WFOs with a pre-paid and pre-addressed shipping box to return the SEDs to VzB.

Upon receipt of the shipping box from **PICS Telecom**, VzB's subcontractor for this action, your completion of the following steps will succeed in getting the VzB SEDs out of your WFO:

In the wake of the PIP service disconnects and no later than Sept. - Oct. 2013, all offices were e-mailed a WSR-88D Comms Documentation update that provided, "... In parallel with VzB removing their hardware, NEXRAD technicians are asked to remove the NEXRAD cable that connects to the VzB Juniper LAN port E0/0 and to coil that cable up out of the way pending subsequent disposition instruction.

At most WFOs, those with one RPG and which do not support a Distant MSCF for a DoD radar, ... a cable labeled W113 cross-connects to the VzB Juniper LAN port E0/0.

At WFOs with 2 RPGs, or those which have a DoD Distant MSCF, a cable labeled W113F cross-connects from Port 3 of a small NEXRAD Netgear 8-port (A38) LAN Switch to the VzB Juniper LAN port E0/0."

- 1) If you have not already removed the aforementioned NEXRAD cable from the Juniper LAN port E0/0 as noted above, please do so at this time.

The WSR-88D Comms Documentation for locations where the VzB SEDs have yet to be removed still shows the VzB PIP circuit ID on Product Distribution Comms Status screen Lines 1 and 2. Use the PIP circuit ID shown in your WSR-88D Comms Documentation to confirm the Juniper J2320 router referenced herein is indeed the VzB J2320 router associated with the former Air Force NEXRAD PIP service.

- 2) Find the VzB MultiTech OOB modem and remove the ac power cord and any WFO POTS phone line that may have been connected to the OOB modem. (The OOB modems were connected to the J2320 router console port, so it is often easier to trace that cable from the J2320 to find the MultiTech OOB modem.)

Once the OOB modem is found, remove the DB9 to RJ45 cable from both the OOB modem and the console port of the J2320.

Remove the OOB modem, its power supply, and the DB9 to RJ45 cable, and place those items in the shipping box provided by VzB.

- 3) Disconnect the T1 cable from the J2320 T1 WIC card. (When looking at the front of the J2320, the T1 WIC card is the top-most card and shows "T1" in the upper-left corner of the card.)

Trace the T1 cable back to the wall and remove the cable from the Telco hand-off. Place the T1 cable in the return shipping box.

- 4) With the Juniper J2320 powered up, on the left-side front panel immediately to the right of the recessed "POWER" button, find and depress the recessed "RESET CONFIG" button for 20 seconds. At approximately 15 seconds the RESET CONFIG will come on for 5 seconds while the config is overwritten with the Juniper factory default configuration. The LED will then go out.

- 5) Power off the Juniper using the recessed "POWER" button. Once powered off, remove the ac power cord from the Juniper and at the ac wall outlet. Place the ac power cord in the return shipping box.

- 6) Remove the J2320 and place it in the return shipping box.

If the J2320 at your office used side-mounting brackets, those brackets were furnished by the ROC. You can therefore retain those brackets for future office use or dispose of them.

Please phone the NEXRAD Hotline if you have any questions or need assistance accessing your WSR-88D Comms Documentation.